

KOPPERS COMPANY
ADMINISTRATIVE RECORD FILE *
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. Potential Hazardous Waste Site Log for the Koppers Company Site, 11/1/79. P. 100001-100001.
2. Potential Hazardous Waste Site Identification and Preliminary Assessment, 5/20/80. P. 100002-100005.
3. Letter to Mr. Anthony S. Bartholomeo, U.S. EPA, from Mr. William L. Osburn, Delaware Department of Natural Resources & Environmental Control (DNREC), re: Transmittal of information from "Public Water Systems in Delaware," 5/20/80. P. 100006-100011. The information is attached.
4. U.S. EPA sampling report, 5/28/80. P. 100012-100014. Photographs of the site are attached.
5. Letter to Mr. William M. Thomas, U.S. EPA, from Ms. Lisa A. Hamilton, DNREC, re: Transmittal of U.S. Geological Survey quadrangles showing the Koppers Company Site, 5/29/80. P. 100015-100016. The quadrangles are attached.
6. Memorandum to the file from Mr. Garth Glenn and C.K. Lee, re: Summary of a May 28, 1980, inspection and sampling conducted at the site, 5/30/80. P. 100017-100019. A hand-drawn site map is attached.
7. U.S. EPA Potential Hazardous Waste Site Inspection Report, 6/9/80. P. 100020-100031.
8. Memorandum to Mr. Jeffrey Haas, U.S. EPA, from Mr. Gerard Crutchley, U.S. EPA, re: Summary of a May 28, 1980, inspection and sampling conducted at the site, 6/11/80. P. 100032-100046. A list of samples, a map of the area, and a copy of the Potential Hazardous Waste Site Inspection Report are attached.
9. Telephone conversation record of Mr. Peter Brown with B. Hofman re: Receipt of sampling results from the May 28, 1980, inspection and sampling, 8/18/80. P. 100047-100047. An August 20, 1980, Potential Hazardous Waste Site Tentative Disposition, Mr. Gerard Crutchley's June

* Administrative Record File available 9/26/96.

- 11, 1980, memorandum to Mr. Jeffrey Haas, and a June 9, 1980, Potential Hazardous Waste Site Inspection Report are attached.
10. Memorandum to the file from C.K. Lee, re: Recommendation that all area wells be investigated, then selected wells be sampled, 9/22/80. P. 100048-100049. A map showing the proposed area for the investigation is attached.
 11. Geohydrology of the Wilmington Area, Hydrolic Map Series, No. 3, prepared by Delaware Geological Survey, 1981. P. 100050-100053.
 12. Memorandum to Ms. Rita Lavelle, U.S. EPA, from Mr. Robert Perry, U.S. EPA, re: The applicability of Section 102(2)(C) of the National Environmental Policy Act (NEPA) to response actions under Section 104 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 9/1/82. P. 100054-100064.
 13. DNREC Wetlands Regulations, adopted 12/23/76, revised 6/29/84. P. 100065-100089.
 14. Memorandum to U.S. EPA Regional Administrators from Ms. Josephine Cooper and Mr. Lee Thomas, U.S. EPA, re: CERCLA remedial actions and NEPA/Environmental Impact Statement (EIS) functional equivalency, 8/22/84. P. 100090-100093.
 13. Report: Preliminary Assessment of Koppers Company Emergency and Remedial Response Information System, prepared by DNREC, 1984. 100094-1000124.
 15. Report: Preliminary Field Trip Report for the Koppers Company Site, prepared by NUS Corporation, 1/14/85. P. 100125-100155. A January 14, 1985, transmittal to Mr. Harold Byer, U.S. EPA, from Mr. Garth Glenn, NUS Corporation, letter is attached.
 16. Data Management Summary Reports, prepared by Environmental Testing and Certification on behalf of DuPont, 4/19/85. P. 100156-100160. An August 19, 1985, transmittal letter to Ms. Laura Boornazian, U.S. EPA, from A.B. Palmer, E.I. DuPont de Nemours, Inc. (DuPont), stating that A.B. Palmer believes there has been no recent testing for contaminants at the Newport Landfill is attached.

17. Sample Data Summary for the Koppers Company Site, prepared by NUS Corporation, 7/8/85. P. 100161-100170. A July 8, 1985, transmittal letter to Mr. Harold Byer, U.S. EPA, from Mr. Garth Glenn, NUS Corporation, and a hand-drawn sample location map are attached.
18. Letter to Ms. Laura Boornazian, U.S. EPA, from Ms. Eileen M. Hack, DNREC, re: Comments regarding the site inspections of Koppers Company and Sussex County Landfills and recommendation that Hazardous Ranking System packages be completed on both sites, 1/13/86. P. 100171-100173. An excerpt from a report is attached.
19. Report: Site Inspection of the Koppers Company Site, prepared by NUS Corporation, 2/27/86. P. 100174-100390. A March 3, 1986, transmittal letter to Mr. Harold Byer, U.S. EPA, from Mr. Garth Glenn, NUS Corporation, is attached.
20. Letter to Ms. Eileen Hack, DNREC, from Ms. Laura Boornazian, U.S. EPA, re: Transmittal of the final site inspection report for the Koppers Company Site, 3/10/86. P. 100391-100391.
21. Letter to Koppers Company from Mr. Bruce Smith, U.S. EPA, re: Request for release of all documents concerning hazardous substances to U.S. EPA, 2/3/88. P. 100392-100395. A certified mail receipt is attached.
22. 104(e) letter to DuPont from Mr. Bruce Smith, U.S. EPA, re: Request for release of all documents concerning hazardous substances to U.S. EPA, 2/3/88. P. 100396-100398.
23. 104(e) letter to Mr. Gerardo Amador, U.S. EPA, from Ms. Suzanne Burt, Koppers Company, re: Confirmation of a February 11, 1988, telephone conversation in which Mr. Amador granted Koppers Company an extension in releasing documents to U.S. EPA, 2/12/88. P. 100399-100399.
24. Letter to Mr. Gerardo Amador, U.S. EPA, from Ms. Julie Whited, DuPont, re: Response to U.S. EPA's February 3, 1988, request for information, 2/22/88. P. 100400-100645. The following are attached:

- a) a deposition of Koppers Company, Inc., by its designee Mary Holland, In The Matter Of: United States of America vs. New Castle County, William Ward, Stauffer Chemical, and ICI Americas, Inc., vs. Avon Products, Inc., et al., Civil Action No. 80-489;
 - b) a copy of the deed for the Koppers Company Site;
 - c) a copy of the Agreement Option with a March 30, 1970 transmittal letter to Mr. Thomas Bourne, Koppers Company, from C.M. Thayer, DuPont;
 - d) a copy of the Lawyers Title Insurance Policy for the site;
 - e) a February 27, 1988, report entitled Site Inspection of Koppers Company.
25. Letter to Mr. Gerardo Amador, U.S. EPA, from Mr. William Giarla, Koppers Company, re: Response to U.S. EPA's February 3, 1988, request for information, 2/25/88. P. 100646-100666. The following are attached:
- a) a list of the primary constituents of creosote;
 - b) a description of the Boulton wood treating process;
 - c) a document entitled Liquid Effluent Discharges and Proposed Treatment, Forest Products Plant, Newport, Delaware;
 - d) an April 29, 1971, letter to Mr. Carl Shields, Delaware Water and Air Resources Commission, from Mr. R.P. Williams, Koppers Company, with a response to Mr. Williams from Mr. John Bryson, DNREC, attached.
26. Letter to Mr. Gary A. Molchan, DNREC, from Mr. Ben Mykijewycz, U.S. EPA, re: Notice that the Koppers Company Site is a candidate for proposal to the NPL on Update #10, 10/16/89. P. 100667-100667.
27. U.S. EPA Pollution Report #1, Koppers Company,

12/14/89. P. 100668-100673. A November 20, 1989, memorandum to Mr. Gregg Crystall, U.S. EPA, from Mr. John C. Kilcher, Roy F. Weston, Inc., is attached.

28. Memorandum to the Regional Administrators for U.S. EPA Regions I through X, from Mr. Donald R. Clay, U.S. EPA, re: Guidelines for the development of risk assessments for sites remediated under CERCLA, 8/28/90. P. 100674-100677.
29. Summary of the joint site inspection of the Koppers Company Site conducted by DNREC and NUS Corporation on December 20, 1984, (undated). P. 100678-100679. A site map is attached.
30. Letter to Ms. Eileen Hack, DNREC, from Ms. Laura Boornazian, U.S. EPA, re: Transmittal of the draft site inspection report and request for comments, (undated). P. 100680-100680.
31. U.S. EPA Organics Analysis Data Sheet, Lab Sample ID # 80-083, (undated). P. 100681-100683.
32. U.S. EPA Organics Analysis Data Sheet, Lab Sample ID # 80-084, (undated). P. 100684-100688.
33. U.S. EPA Organics Analysis Data Sheet, Lab Sample ID # 80-085, (undated). P. 100689-100692.
34. U.S. EPA Organics Analysis Data Sheet, Lab Sample ID # 80-086, (undated). P. 100693-100695.
35. U.S. EPA Organics Analysis Data Sheet, Lab Sample ID # 25-036, (undated). P. 100696-100709. An October 13, 1980, U.S. EPA Inorganics Traffic Report shipping slip for sample number C8055, Case Number 268 is attached.
36. U.S. EPA Organics Analysis Data Sheet, Lab Sample ID # 25-037, (undated). P. 100710-100720. An October 13, 1980, U.S. EPA Inorganics Traffic Report shipping slip for sample number C8056, Case Number 268 is attached.
37. Report: Field Investigations of Uncontrolled Hazardous Waste Sites, prepared by Ecology & Environment, Inc., (undated). P. 100721-100740.

III. REMEDIAL RESPONSE PLANNING

1. Report: Remedial Investigation/Feasibility Study (RI/FS) Work Plan for the Koppers Company Site, prepared by Dames & Moore, 5/9/91. P. 300001-300106. A May 9, 1991, transmittal letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Eric Tartler, Dames & Moore, is attached.
2. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert Allen, DNREC, re: Comments regarding the RI/FS work plan, 8/30/91. P. 300107-300109.
3. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. M. Margie Zhang, DNREC, re: Notification of Ms. Zhang's appointment as project officer for the Koppers Company Site, 9/20/91. P. 300110-300110.
4. Memorandum to Mr. Robert Allen, DNREC, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Comments regarding the RI/FS work plan, 9/23/91. P. 300111-300111.
5. Administrative Order on Consent In The Matter Of: Koppers Company Site, Docket No. III-91-16-DC, 9/26/91. P. 300112-300160. A September 25, 1991, transmittal memorandum to Mr. Edwin Erickson, U.S. EPA, from Mr. Thomas Voltaggio and Ms. Marcia Mulkey, U.S. EPA, is attached.
6. Letter to Ms. M. Margie Zhang, DNREC, from Mr. S. Andrew Sochanski, U.S. EPA, re: Transmittal of the Administrative Order on Consent for the site, 10/11/91.

P. 300161-300161.

7. Report: Site Analysis, Koppers Chemical, Newport, Delaware, Volume I, 10/91. P. 300162-300180.
8. Report: Koppers Company NPL Site, Preliminary Health Assessment, prepared by Oak Ridge National Laboratory, 12/31/91. P. 300181-300218. A December 31, 1991, transmittal letter to Mr. Lee Tate, ATSDR, from Robin Brothers, Oak Ridge National Laboratory, is attached.
9. Report: Draft Remedial Investigation/Feasibility Study Work Plan for the Koppers Company Site, 1/20/92. P. 300219-300334. January 20, 1992, transmittal letters to Mr. S. Andrew Sochanski, U.S. EPA, and Ms. Jane Patarcity, Beazer East, Inc. (Beazer), and Mr. Brandt Butler, DuPont, from Mr. James Buczala, Ms. Ceil Mancini, and Mr. Robert Gresh, Woodward-Clyde Consultants, are attached.
10. Letter to Ms. Felicia Dailey, ATSDR, from Ms. M. Margie Zhang, DNREC, re: Transmittal of Dr. Gerald Llewellyn's comments regarding the Preliminary Health Assessment for the site, 2/11/92. P. 300335-300336. Dr. Llewellyn's comments.
11. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Comments regarding the RI/FS work plan, 2/19/92. P. 300337-300339.
12. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. M. Marie Zhang, DNREC, re: Transmittal of comments regarding the RI/FS work plan, 2/19/92. P. 300340-300345. A February 19, 1992, facsimile transmittal page is attached.
13. Comments of Mr. Robert Allen, DNREC, regarding the RI/FS work plan, 2/21/92. P. 300346-300347. A February 24, 1992, facsimile transmittal page to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. M. Margie Zhang, DNREC, is attached.
14. Letter to Ms. Jane Patarcity, Beazer, and Mr. Joel Karmazyn, DuPont, from Mr. S. Andrew Sochanski, U.S. EPA, re: Notification that U.S. EPA has found the February 2, 1992, RI/FS work plan to be deficient and transmittal of comments regarding the document's deficiencies, 4/15/92. P. 300348-300380.

15. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Description of the historical significance of the Koppers Company Site area and recommendation that a Stage IA and IB level survey of the site area be conducted, 4/24/92. P. 300381-300382.
16. Report: Revised Remedial Investigation/Feasibility Study Work Plan (RWP) for the Koppers Company Site, 6/18/92. P. 300383-300553. A June 18, 1992, transmittal letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. James Buczala, Ms. Ceil Mancini, and Mr. Robert Gresh, Woodward-Clyde Consultants, is attached.
17. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. M. Margie Zhang, DNREC, re: Comments regarding the June 18, 1992, RWP, 7/28/92. P. 300554-300555.
18. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Comments regarding the June 18, 1992, RWP, 8/4/92. P. 300556-300558.
19. DNREC Regulations Governing the Use of Subaqueous Lands, adopted 5/8/91, amended 9/2/92. P. 300559-300585.
20. Memorandum to Ms. M. Margie Zhang, DNREC, from Mr. Robert Allen, DNREC, re: Comments regarding the June 18, 1992, RWP, 9/7/92. P. 300586-300586.
21. Letter to Ms. Jane Patarcity, Beazer, and Mr. Joel Karmazyn, DuPont, from Mr. S. Andrew Sochanski, U.S. EPA, re: Notification that U.S. EPA has found the June 18, 1992, RWP to be deficient and transmittal of comments regarding the document's deficiencies, 11/6/92. P. 300587-300605.
22. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Jane Patarcity, Beazer, re: Notification that Beazer and DuPont object to U.S. EPA's disapproval of the June 18, 1992, RWP and are invoking dispute resolution, 11/20/92. P. 300606-300646. Woodward-Clyde Consultants' response to U.S. EPA's comments regarding the RWP are attached.
23. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert Ehlenberger, Woodward-Clyde Consultants, re: Transmittal of Woodward-Clyde Consultants' proposed resolutions for finalizing the June 18, 1992, RWP,

12/7/92. P. 300647-300686. The resolutions are attached.

24. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. James Buczala and Mr. Robert Ehlenberger, Woodward-Clyde Consultants, re: Transmittal of a map showing proposed background soil sampling location submitted for U.S. EPA's review, 12/11/92. P. 300687-300678. The map is attached.
25. Report: Revised Remedial Investigation/ Feasibility Study Work Plan for the Koppers Company Site, prepared by Woodward-Clyde Consultants, 12/21/92. P. 300689-300887. A December 21, 1992, transmittal letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. James Buczala, Ms. Ceil Mancini, and Mr. Robert Ehlenberger, Woodward-Clyde Consultants, is attached.
26. Letter to Ms. Jane Patarcity, Beazer, and Mr. Joel Karmazyn, DuPont, from Mr. S. Andrew Sochanski, U.S. EPA, re: Transmittal of a meeting summary for a December 15, 1993, Dispute Resolution Meeting, transmittal of specifications for hazardous warning signs to be posted around the site, and approval of an deadline extension, 1/3/93. P. 300888-300900. The meeting summary and the sign specifications are attached.
27. Memorandum to Ms. Lydia Ogden Askew, U.S. EPA, from Mr. S. Andrew Sochanski, U.S. EPA, re: Recommendation of changes to be made in the December 31, 1991, Preliminary Public Health Assessment for the Koppers Company Site, 1/19/93. P. 300901-300939. The following are attached:
 - a) a December 7, 1992, transmittal letter to Ms. Laura Janson, U.S. EPA, from Mr. Max M. Howie, Agency for Toxic Substances and Disease Registry (ATSDR);
 - b) an ATSDR Public Notice;

- c) an ATSDR Fact Sheet;
 - d) the Preliminary Public Health Assessment.
28. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. M. Margie Zhang, DNREC, re: Comments regarding the December 21, 1992, RWP, 1/20/93. P. 300940-300941.
29. Memorandum to Ms. M. Margie Zhang, DNREC, from Mr. Gerald Llewellyn, DNREC, re: Comments regarding the Revised Preliminary Public Health Assessment, 1/21/93. P. 300942-300942.
30. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert Ehlenberger, Woodward-Clyde Consultants, re: Notification on behalf of Beazer and DuPont of the selection of Maar Associates, Inc., to assist in the performance of the Cultural and Historical Survey (CHS) for the site, 1/29/93. P. 300943-300978. Personnel qualifications and three certificates of insurance are attached.
31. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert Ehlenberger, Woodward-Clyde Consultants, re: Notification on behalf of Beazer and DuPont of the selection of Geoarchaeology Research Associates and Dr. Joseph Sculdenrein to assist in the performance of the CHS for the site, 3/3/93. P. 300979-301008. The following are attached:
- a) a chart entitled Cultural Resources Personnel Organization;
 - b) a table entitled Hours by Personnel and Task;
 - c) personnel qualifications for Maar Associates, Inc., and Geoarchaeology Research Associates;
 - d) certificates of insurance for Maar Associates, Inc., and Geoarchaeology Research Associates.
32. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr.

- Derron LaBrake and Mr. Robert Ehlenberger, Woodward-Clyde Consultants, re: Notification of a revision to the December 21, 1992, RWP, 3/17/93. P. 301009-301010.
33. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert Ehlenberger, Woodward-Clyde Consultants, re: Transmittal of selected attachments to the Cultural and Historical Resources Work Plan (CHRSWP), 4/2/93. P. 301011-301018. A revision to Table 5-1, Hours by Personnel and Task, Figure 4-1, Section 106 Compliance Process, and three technical drawings are attached.
34. Letter to Ms. Jane Patarcity, Beazer, and Mr. Joel Karmazyn, DuPont, from Mr. S. Andrew Sochanski, U.S. EPA, re: Notification of conditional approval of the December 21, 1992, RWP, 4/7/93. P. 301009-301027. U.S. EPA's comments regarding the RWP are attached.
35. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. James Buczala and Mr. Robert Ehlenberger, Woodward-Clyde Consultants, re: Outline of major issues to be addressed at the April 19, 1993, meeting to discuss the December 21, 1992, RWP, 4/16/93. P. 301028-301034. A facsimile transmittal page is attached.
36. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Transmittal of comments regarding the CHRSWP, 4/19/93. P. 301035-301038. Ms. Stocum's comments are attached.
37. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Jane Patarcity, Beazer, re: Notification that Beazer and DuPont object to U.S. EPA's comments regarding the December 21, 1992, RWP and are invoking dispute resolution, 4/22/93. P. 301039-301062. Woodward-Clyde Consultants' response to comments regarding the RWP are attached.
38. Letter to Ms. Jane Patarcity, Beazer, and Mr. Joel Karmazyn, DuPont, from Mr. S. Andrew Sochanski, U.S. EPA, re: Transmittal of comments to be incorporated into the final RWP, 6/8/93. P. 301063-301067.
39. Report: Quality Assurance Project Plan for the Koppers Company Site, prepared by Woodward-Clyde Consultants, 6/23/93. P. 301068-301787.
40. Report: Revised Remedial Investigation/ Feasibility Study Work Plan for the Koppers Company Site, prepared

- by Woodward-Clyde Consultants, 6/23/93. P. 301788-302006. A June 23, 1993, transmittal letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert Ehlenberger, Woodward-Clyde Consultants, is attached.
41. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert Ehlenberger, Woodward-Clyde Consultants, re: Notification on behalf of Beazer and DuPont of the selection of Bowser-Morner to conduct selected geotechnical analyses, 7/1/93. P. 302007-302008.
 42. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Approval of the revised CHRSWP, 7/27/93. P. 302009-302009.
 43. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. M. Margie Zhang, DNREC, re: Approval of and comments regarding the June 23, 1993, RWP, 8/4/93. P. 302010-302011.
 44. Letter to Ms. Jane Patarcity, Beazer, and Mr. Joel Karmazyn, DuPont, from Mr. S. Andrew Sochanski, U.S. EPA, re: Transmittal of comments to be incorporated into the final RWP, the Field Sampling Plan (FSP), the Quality Assurance Project Plan (QAPjP), and the Health and Safety Plan (HASP), 8/24/93. P. 302012-302051.
 45. Memorandum to the U.S. EPA Regional Administrators for Regions I through X from Mr. Richard Guimond, U.S. EPA, re: Description of U.S. EPA's new policy on conducting risk assessments at Superfund sites where potentially responsible parties (PRPs) are conducting the RI/FS, 9/1/93. P. 302052-302057.
 46. Memorandum to Ms. M. Margie Zhang, DNREC, from Mr. Robert Allen, DNREC, re: Comments on U.S. EPA's comments regarding the June 23, 1993, RWP, 9/20/93. P. 302058-302059. A September 21, 1993, facsimile transmittal page addressed to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Zhang is attached.
 47. Report: Preliminary Public Health Assessment for the Koppers Company Site, prepared by ATSDR, 10/21/93.

P. 302059-302093. An October 21, 1993, transmittal letter to Ms. Laura Janson, U.S. EPA, from Mr. Max Howie, ATSDR, is attached.

48. Letter to Ms. Jane Patacity, Beazer, and Mr. Joel Karmacyzn, DuPont, from Mr. Walter Graham, U.S. EPA, re: Clarification of U.S. EPA's comments regarding the June 23, 1993, RWP and approval of an extension to the submittal date for the work plan, the FSP, the QAPjP, and the HASP, 11/29/93. P. 302094-3020115. A copy of Mr. Sochanski's August 24, 1993, letter with comments is attached.
49. Letter to Mr. Walter Graham, U.S. EPA, from Ms. Jane Patacity, Beazer, re: Proposal of an agenda for the planned December 15, 1993, meeting, request for an extension to the submittal date for the RWP, the FSP, the QAPjP, and the HASP, and transmittal of responses to comments regarding these documents, 12/14/93. P. 302116-302172. A chart entitled Chronology of Events, RI/FS Work Plan, Koppers Company Site, and the responses to U.S. EPA's comments are attached.
50. Letter to Mr. Terry Stilman, U.S. EPA, from Ms. M. Margie Zhang, DNREC, re: Transmittal of Applicable or Relevant and Appropriate Requirements (ARARs) for Removal Action at the Koppers Company Site, 12/20/93. P. 302173-302179. The list of ARARs and an envelope addressed to Mr. S. Andrew Sochanski, U.S. EPA, are attached.
51. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Christopher Burns, Tetra Tech, Inc., re: Transmittal of a summary of the December 15, 1993, Dispute Resolution Meeting, prepared by Tetra Tech, Inc., 12/20/93. P. 302180-302190. The summary is attached.
52. Letter to Ms. Jane Patacity, Beazer, and Mr. Joel Karmazyn, DuPont, from Mr. S. Andrew Sochanski, U.S. EPA, re: Clarification and transmittal of a summary of the December 15, 1993, Dispute Resolution Meeting summary prepared by Tetra Tech, Inc., 12/23/93. P. 302191-302192.
53. Letter to Ms. Jane Patacity, Beazer, and Mr. Joel Karmazyn, DuPont, from Mr. S. Andrew Sochanski, U.S. EPA, re: Clarification and transmittal of a summary of the December 15, 1993, Dispute Resolution Meeting, prepared by Tetra Tech, Inc., transmittal of

specifications for hazardous warning signs to be posted around the Koppers Company Site, and notification of approval of an extension of the submittal date for the RWP, the FSP, the QAPjP, and the HASP, 1/3/94. P. 302193-302205. The meeting summary and the sign specifications are attached.

54. Report: Revised Work Plan, RI/FS for the Koppers Company Site, prepared by Woodward-Clyde Consultants, 1/31/94. P. 302206-302420. A January 31, 1994, transmittal letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. James Buczala and Mr. Robert Ehlenberger, Woodward-Clyde Consultants, and a January 31, 1994, transmittal letter to Ms. Jane Patarcity, Beazer, and Mr. Brandt Butler, DuPont, from Mr. H. Scott Laird, Woodward-Clyde Consultants, are attached.
55. Report: Field Sampling Plan, RI/FS for the Koppers Company Site, prepared by Woodward-Clyde Consultants, 1/31/94. P. 302421-302631. A January 31, 1994, transmittal letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. James Buczala and Mr. Robert Ehlenberger, Woodward-Clyde Consultants, is attached.
56. Report: Quality Assurance Project Plan, RI/FS for the Koppers Company Site, prepared by Woodward-Clyde Consultants, 1/31/94. P. 302632-303427. A January 31, 1994, transmittal letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. James Buczala and Mr. Robert Ehlenberger, Woodward-Clyde Consultants, is attached.
57. Report: Health and Safety Plan RI/FS for the Koppers Company Site, prepared by Woodward-Clyde Consultants, 1/31/94. P. 303428-303568. A January 31, 1994, transmittal letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. James Buczala and Mr. Robert Ehlenberger, Woodward-Clyde Consultants, is attached.
58. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. M. Margie Zhang, DNREC, re: Comments regarding the January 31, 1994, RWP and the January 31, 1994, FSP, 3/4/94. P. 303569-303570.
59. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Transmittal of the approval sheet for the January 31, 1994, QAPjP, Table 1a, and Table 2,

which were originally omitted from the QAPjP, 3/14/94. P. 303571-303578. The approval sheet and tables are attached.

60. Letter to Ms. Jane Patacity, Beazer, and Mr. Joel Karmazyn, DuPont, from Mr. S. Andrew Sochanski, U.S. EPA, re: Approval of the January 31, 1994, RWP, the January 31, 1994, the January 31, 1994, FSP, and the January 31, 1994, QAPjP, and the January 31, 1994, HASP with the insertion of U.S. EPA's review, 5/4/94. P. 303579-303618. The review is attached.
61. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. M. Margie Zhang, DNREC, re: Comments on the January 31, 1994, RWP, the January 31, 1994, FSP, the January 31, 1994, QAPjP, and the January 31, 1994, HASP, 5/9/94. P. 303619-303620.
62. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Notification on behalf of Beazer and DuPont that James C. Anderson Associates, Inc., has been selected to perform drilling services and Enesco Wadsworth-Alert has been selected to perform pesticide and PCB analyses, 5/19/94. P. 303621-303670. James C. Anderson Associates, Inc.'s qualifications and a performance evaluation for Enesco Wadsworth-Alert are attached.
63. Letter to Ms. Jane Patacity, Beazer, from Mr. Peter Ludzia, U.S. EPA, re: Approval of the January 31, 1994, RWP, the January 31, 1994, FSP, the January 31, 1994, QAPjP, and the January 31, 1994, HASP, subject to previously agreed-upon modifications and notification that Ms. Lisa Marino has replaced Mr. S. Andrew Sochanski as the Remedial Project Manager for the site, 5/26/94. P. 303671-303674. A summary of the understandings reached by Beazer and U.S. EPA and a map of off-site aquatic sampling locations are attached.
64. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jane Patacity, Beazer, re: Notification of Beazer and DuPont's withdrawal of their May 26, 1994, request for Dispute Resolution and correction of dates in U.S. EPA's letter of May 26, 1994, 6/16/94. P. 303675-303675.

65. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Results of a survey of public supply and residential wells surrounding the site, 6/16/94. P. 303676-303685. The following are attached:
- a) Table 1, Residential/Commercial Well Inventory;
 - b) Table 2, Residential Wells Proposed for Sampling;
 - c) a map of public and private water supply wells;
 - d) a map of residential/commercial well locations.
66. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Notification on behalf of Beazer and DuPont of the selection of Victor Colbert Construction to provide earthwork services at the site, 6/17/94. P. 303686-303687.
67. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. M. Margie Zhang, DNREC, re: Comments regarding the Residential Well Survey, 6/22/94. P. 303688-303689.
68. Letter to Mr. H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Notification of approval of the proposed background sampling locations, 6/22/94. P. 303690-303690.
69. Letter to Mr. H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Comments regarding the results of the residential well survey, 7/7/94. P. 303691-303693.
70. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Response to U.S. EPA's July 7, 1994, comments regarding the results of the residential well survey and confirmation of an extension to the submittal date for the revised report, 7/21/94. P. 303694-303696.
71. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Transmittal of a description of the

proposed ultraviolet soil sediment field screening method, 7/21/94. P. 303697-303699. The description of the method is attached.

72. Memorandum to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Transmittal of an article entitled Using Ultraviolet Light to Investigate Petroleum-Contaminated Soil, 7/26/94. P. 303700-303709. The article is attached.
73. Letter to Mr. H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Recommendations for the clearing of potential wetland areas and request for information regarding compliance with DNREC and U.S. Army Corp of Engineers (USACE) regulations, 7/27/94. P. 303710-303711.
74. Letter to Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Approval of the ultraviolet soil sediment field screening method with suggestions, 8/3/94. P. 303712-303712.
75. Letter to Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Response to Woodward-Clyde Consultants' July 27, 1994, letter responding to U.S. EPA's comments regarding the results of the residential well survey, 8/9/94. P. 303713-303714.
76. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Transmittal of information regarding compliance with DNREC and USACE regulations requested in U.S. EPA's letter of July 27, 1994, 8/10/94. P. 303715-303718. A technical drawing of preliminary wetlands boundaries is attached.
77. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Deborah Conte Toth, BCM Engineers, re: Transmittal of BCM Laboratory's Quality Assurance Program plan and copies of the methods BCM Engineers will use for analysis of sediment samples, 8/10/94. P. 303719-303813. The program plan and methods are attached.

78. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Notification on behalf of Beazer and DuPont of the selection of RMC Environmental Services, Inc., and BCM Engineers to perform benthic taxonomy consulting services and selected analytical services for soil and sediment samples, 8/10/94. P. 303814-303856. Statements of qualifications for RMC Environmental Services, Inc., and BMC Engineers are attached.
79. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Results of a survey of public supply and residential wells surrounding the site, 8/16/94. P. 303857-303905. The following are attached:
- a) Table 1, Residential/Commercial Well Inventory;
 - b) Table 2, Residential Wells Proposed for Sampling;
 - c) a map of public and private water supply wells;
 - d) a map of residential/commercial well locations;
 - e) Appendix A.
80. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Description of modifications to the January 31, 1994, FSP and the January 31, 1994, QAPjP, 8/16/94. P. 303906-303908.
81. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Comments regarding the Phase IA Cultural Resources Survey for the site, 8/23/94. P. 303909-303913. Ms. Stocum's comments and an August 25, 1994, letter to Ms. Lisa Marino from Ms. Stocum transmitting a revised second page to her comments is attached.
82. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. Derron LaBrake and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Transmittal of the Preliminary Coverttype Map showing proposed vegetation sampling locations, 8/29/94. P. 303914-303917. The map and a

facsimile transmittal page addressed to Ms. Elizabeth Rogers from Ms. Lisa Marino, U.S. EPA, are attached.

83. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. M. Margie Zhang, DNREC, re: Comments regarding the proposed locations for background soil sampling for the site, 9/2/94. P. 303918-303920. A map showing the area proposed for collection is attached.
84. Letter to Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, from Ms. Lisa Marino, U.S. EPA, re: Transmittal of Ms. Marino's September 7, 1994, letter to Woodward-Clyde Consultants regarding the Phase IA Cultural Resources Survey Report and schedule and a copy of the RI/FS project schedule, 9/7/94. P. 303921-303925. Ms. Marino's letter and the schedules are attached.
85. Letter to Mr. William Moyer, DNREC, from Ms. Lisa Marino, U.S. EPA, re: Transmittal of Woodward-Clyde Consultants's August 10, 1994, letter regarding compliance with DNREC and USACE regulations, 9/8/94. P. 303926-303926.
86. Letter to Mr. Chuck Barscz, National Park Service, from Ms. Lisa Marino, U.S. EPA, re: Transmittal of Woodward-Clyde Consultants's August 10, 1994, letter regarding compliance with DNREC and USACE regulations, 9/8/94. P. 303927-303927.
87. Memorandum to U.S. Fish and Wildlife Service, from Ms. Lisa Marino, U.S. EPA, re: Transmittal of Woodward-Clyde Consultants' August 10, 1994, letter regarding compliance with DNREC and USACE regulations, 9/8/94. P. 303928-303928.
88. Memorandum to Mr. Peter Stokely, U.S. EPA, from Ms. Lisa Marino, U.S. EPA, re: Transmittal of Woodward-Clyde Consultants's August 10, 1994, letter regarding compliance with DNREC and USACE regulations, 9/8/94. P. 303929-303929.
89. Report: Laboratory Audit Report, prepared by Quanterra Environmental Services, 9/8/94. P. 303930-304092. A September 8, 1994, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Ms. Ann Racine and Mr. H. Scott Laird, Woodward-Clyde Consultants, is attached.
90. Report: Laboratory Audit Report, prepared by Quanterra

Environmental Services, 9/8/94. P. 304093-304187. A September 8, 1994, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. William Lyon and Mr. H. Scott Laird, Woodward-Clyde Consultants, is attached.

91. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Susan Colman, Geomatrix Consultants, Inc. (Geomatrix), re: Notification that Geomatrix has selected AWD Technologies, Inc. (AWD), to perform chemical data validation for the site, 9/8/94. P. 304188-304205. Resumes for AWD personnel are attached.
92. Letter to Mr. Robert Davis, U.S. EPA, from Mr. Robert Pennington, U.S. Fish and Wildlife Service, re: Notification that the U.S. Fish and Wildlife Service has no concerns regarding the terrestrial coverytype sampling map and the Substantive Requirements for Wetlands Permit Program, 9/12/94. P. 304206-304207.
93. Letter to Mr. Ronald Thomas, Maar Research Associates, Inc., from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Approval of Mr. Thomas's decision to name Dr. Douglas Kellogg as the geoarchaeologist responsible for monitoring the RI Phase I wetlands investigation at the Koppers Company Site, 9/12/94. P. 304208-304208.
94. Memorandum to Ms. M. Margie Zhang, DNREC, from Mr. Robert Allen, DNREC, re: Suggestion that terrestrial coverytype sampling plots be located by a grid system or by a random procedure in order to eliminate unintentional bias, 9/14/94. P. 304209-304209.
95. Letter to Mr. H. Scott Laird and Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Outline of sample integrity issues associated with the September 1, 1994, sampling activities conducted at the Koppers Company Site and request for response to the issues, 9/15/94. P. 304210-304212. A facsimile transmittal page is attached.
96. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Transmittal of the Revised Phase IA Cultural Resources Survey for the Koppers Company Site on behalf of Beazer and DuPont, 9/16/94. P. 304213-304213.
97. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. Timothy

Glazer and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Results of a September 2, 1994, field audit for the site, 9/16/94. P. 304214-304227. A field audit checklist is attached.

98. Memorandum to Mr. John Bartholomeo, USACE, from Ms. Lisa Marino, U.S. EPA, re: Transmittal of information regarding soil boring at the site and request for feedback, 9/21/94. P. 304228-304229. A facsimile transmittal page is attached.
99. Letter to Mr. H. Scott Laird and Mr. Derron LaBrake, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Comments regarding the Preliminary Terrestrial Coverttype Map for the site, 9/21/94. P. 304230-304231.
100. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Description of soil sampling conditions and recommendations for modifications to the first flush sampling, 9/22/94. P. 304232-304235. A sample location plan is attached.
101. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Responses to U.S. EPA's September 15, 1994, comments regarding Woodward-Clyde's surface water and sediment sampling program for the site, 9/22/94. P. 304236-304239.
102. Memorandum to Ms. Lisa Marino, U.S. EPA, from Mr. John Bartholomeo, USACE, re: Notification that the soil boring plan meets the requirements of the U.S. ACE permit program, 9/23/94. P. 304240-304241. A facsimile transmittal page is attached.
103. Report: Phase IA Cultural Resources Survey for the Koppers Company Site, prepared by Maar Associates, Inc., 9/23/94. P. 304242-304340. A September 16, 1994, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. H. Scott Laird, Woodward-Clyde Consultants, is attached.
104. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jessica

- Billy, Maar Associates, Inc., re: Transmittal of errata sheet 3-12 of the cultural resources survey, 9/23/94. P. 304341-304342. The errata sheet is attached.
105. Letter to Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, from Ms. Lisa Marino, U.S. EPA, re: Request that Ms. Stocum notify Ms. Marino if she feels that her comments regarding the draft Phase IA Cultural Resources Survey for the Koppers Company Site were not adequately addressed in the final version, 9/28/94. P. 304343-304343.
 106. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. Derron LaBrake and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Responses to U.S. EPA's September 21, 1994, comments regarding the proposed terrestrial covertime sampling locations, 9/28/94. P. 304344-304347. A copy of the Preliminary Terrestrial Covertime Map for the site is attached.
 107. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Request that the requirement for sediment collection during the first flush sampling program be removed, 9/28/94. P. 304348-304349.
 108. Area B, E, and F maps relating to the terrain conductivity survey at the site, 9/29/94. P. 304350-304362. An October 3, 1994, transmittal page addressed to Ms. Lisa Marino, U.S. EPA, and Ms. Elizabeth Rogers, Tetra Tech, Inc., from Mr. Douglas Kier, Woodward-Clyde Consultants, is attached.
 109. Inorganic Data Validation Report for the Koppers Company Site, prepared by Lockheed Environmental Systems & Technologies (Lockheed), 9/29/94. P. 304363-304417. An October 6, 1994, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Susanne Stevens, U.S. EPA, is attached.
 110. Letter to Mr. Derron LaBrake and Mr. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Notification that U.S. EPA accepts Woodward-Clyde Consultants' modifications to the sampling plan and approval to begin the terrestrial covertime survey, 9/30/94. P. 304418-304418.
 111. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James

- Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Proposal of a revised schedule for the RI/FS at the site, 9/30/94. P. 304419-304428. Two proposed schedules are attached.
112. Memorandum to Ms. Lisa Marino, U.S. EPA, and Ms. Elizabeth Rogers, Tetra Tech, Inc., from Mr. Keith Kowalski, Woodward-Clyde Consultants, re: Transmittal of Figure 2-5 showing boring locations within Area J of the site, 9/30/94. P. 304429-304430. Figure 2-5 is attached.
113. Report: Terrain Conductivity Survey for the Koppers Company Site, prepared by Woodward-Clyde Consultants, 9/94. P. 304431-304491. A September 14, 1994, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, is attached.
114. Letter to Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Comments regarding the terrain conductivity survey, 10/5/94. P. 304492-304495.
115. Letter to Mr. H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Notification that U.S. EPA approves the revised residential well survey with comment, 10/6/94. P. 304496-304496.
116. Letter to Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Approval of modifications to the first flush sampling program proposed in Woodward-Clyde Consultants' letters of September 22, 1994, and September 28, 1994, 10/6/94. P. 304497-304499. A U.S. EPA list of recommended field and analytical parameters for surface water is attached.
117. Area D, J, K, N, UST, and GAS UST maps relating to the terrain conductivity survey at the site, 10/6/94. P. 304500-304524. An October 7, 1994, transmittal page addressed to Ms. Lisa Marino, U.S. EPA, and Ms. Elizabeth Rogers, Tetra Tech, Inc., from Mr. Douglas Kier, Woodward-Clyde Consultants, is attached.

118. Inorganic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 10/11/94. P. 304525-304602. An October 13, 1994, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Susanne Stevens, U.S. EPA, is attached.
119. Organic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 10/18/94. P. 304603-304916. An October 13, 1994, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Susanne Stevens, U.S. EPA, is attached.
120. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Description of plans for the first flush sampling event at the site and response to issues raised in U.S. EPA's letter of October 6, 1994, regarding sampling, 10/24/94. P. 304917-304920.
121. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Proposal of five additional off-site soil sampling locations for the RI, 10/28/94. P. 304921-304924. Table 1, Background Soil Sampling Locations and a map showing the proposed sampling locations are attached.
122. Inorganic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 10/31/94. P. 304925-304976. A November 10, 1994, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Susanne Stevens, U.S. EPA, is attached.
123. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Documentation of telephone conversations regarding the installation of additional shallow monitoring wells at the site, 11/1/94. P. 304977-304978.
124. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jane Patarcity, Beazer, re: Notification on behalf of Beazer and DuPont of the selection of Entrix, Inc., to provide ecological consulting services, 11/3/94. P. 304979-304979.
125. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Description of shallow well development at the site, 11/7/94. P. 304980-304981.

126. Organic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 11/9/94. P. 304982-305104.
127. Dioxin Data Validation Report for the Koppers Company Site, prepared by Lockheed, 11/9/94. P. 305105-305145. A November 15, 1994, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Susanne Stevens, U.S. EPA, is attached.
128. Letter to Mr. H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Comments regarding the background soil sampling locations proposed in Woodward-Clyde Consultants' letter of October 28, 1994, 11/17/94. P. 305146-304147.
129. Inorganic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 11/25/94. P. 305148-305169. A November 28, 1994, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Susanne Stevens, U.S. EPA, is attached.
130. Report: Analytical Report for the Koppers Company Site, prepared by U.S. EPA, 11/29/94. P. 305170-305262. A November 29, 1994, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. Frederick Dreisch and Ms. Peggy Zawodny, U.S. EPA, is attached.
131. Report: Analytical Report for the Koppers Company Site, prepared by U.S. EPA, 12/5/94. P. 305263-305300. A December 5, 1994, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. Frederick Dreisch and Ms. Peggy Zawodny, U.S. EPA, is attached.
132. Organic Data Validation Report for the Koppers Company Site, prepared by Dow Environmental, Inc., 12/7/94. P. 305301-305384. A December 7, 1994, transmittal letter to Ms. Jane Patarcity, Beazer, from Mr. Andy Mehalko, Dow Environmental, Inc., is attached.
133. Inorganic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 12/8/94. P. 305385-305432. A December 12, 1994, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Susanne Stevens, U.S. EPA, is attached.
134. Report: Summary of Analytical Results Received Through November 30, 1994, for the Koppers Company Site,

- 12/15/94. P. 305433-305897. A December 15, 1994, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, is attached.
135. Organic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 12/21/94. P. 305898-306045. A December 22, 1994, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Susanne Stevens, U.S. EPA, is attached.
136. Dioxin/Furan Data Validation Report for the Koppers Company Site, prepared by Lockheed, 1/12/95. P. 306046-306144. A January 17, 1995, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Susanne Stevens, U.S. EPA, is attached.
137. Dioxin Data Validation Report for the Koppers Company Site, prepared by Lockheed, 1/23/95. P. 306145-306189. A January 25, 1995, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Cynthia Caporale, U.S. EPA, is attached.
138. Organic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 1/30/95. P. 306190-306237. A January 31, 1995, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Cynthia Caporale, U.S. EPA, is attached.
139. Letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Comments regarding the Management Summary for the Phase I Archaeological Survey of Old Airport Road, 2/6/95. P. 306238-306238.
140. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Notification on behalf of Beazer and DuPont of the selection of Mr. Charles LeeDecker as the Cultural Resources Task Leader for the site, 2/21/95. P. 306239-306247. Mr. Leedecker's qualifications are attached.
141. Letter to Ms. Jane Patarcity, Beazer, from Ms. Lisa Marino, U.S. EPA, re: Request for the credentials of Dr. Ralph Markarian, Entrix, Inc., 2/21/95. P. 306248-306248.

142. Inorganic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 2/23/95. P. 306249-306252. A March 2, 1995, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Cynthia Caporale, U.S. EPA, is attached.
143. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jane Patarcity, Beazer, re: Transmittal of resumes for Entrix, Inc., personnel, 2/24/95. P. 306253-306313. The resumes are attached.
144. Report: Geoarchaeological Evaluation, Phase I Cultural Resources Survey for the Koppers Company Site, prepared by Maar Associates, Inc., 2/95. P. 306314-306359. A February 28, 1995, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. H. Scott Laird and Mr. Charles LeeDecker, Woodward-Clyde Consultants, is attached.
145. Report: Phase IA Cultural Resources Survey for the Koppers Company Site, prepared by Maar Associates, Inc., 2/95. P. 306360-306456. An April 24, 1995, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jessica Billy, Maar Associates, Inc., is attached.
146. Memorandum to Ms. Susan Colman, Geomatrix, T. Faye, Beazer, Mr. Peter Ludzia, U.S. EPA, and Ms. M. Margie Zhang, DNREC, from Mr. Charles LeeDecker, Woodward-Clyde Consultants, re: Transmittal of the February 1995 Geoarchaeological Evaluation, Phase I Cultural Resources Survey for the Koppers Company Site, 3/2/95. P. 306457-306457.
147. Letter to James Buczala and H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Permission to backfill the excavations produced during the Phase IB Cultural Resources Survey work, 3/8/95. P. 306458-306459.
148. Memorandum to Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, from Ms. Lisa Marino, U.S. EPA, re: Request for a confirmation of a date by which Ms. Stocum will comment on the Geoarchaeological Evaluation for the site, 3/15/95. P. 306460-306460.
149. Memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Faye

Stocum, Delaware Division of Historical and Cultural Affairs, re: Notification that Ms. Stocum plans to comment on the February 1995 Geoarchaeological Evaluation for the site around mid-April, 3/20/95. P. 306461-306462. A facsimile transmittal page is attached.

150. Report: Analytical Report for the Koppers Company Site, prepared by U.S. EPA, 3/21/95. P. 306463-306503. A March 21, 1995, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. Frederick Dreisch and Ms. Peggy Zawodny, U.S. EPA, is attached.
151. Report: Work Plan for Phase IB Cultural Resources Studies at the Koppers Company Site, prepared by Maar Associates, Inc., 3/27/95. P. 306504-306518. A March 27, 1995, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, is attached.
152. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jessica Billy, Maar Associates, Inc., re: Transmittal of Figures 2, 3, and 4 for the March 27, 1995, Phase IB Cultural Resources Studies work plan, 3/28/95. P. 306519-306522. The figures are attached.
153. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. H. Scott Laird, Woodward-Clyde Consultants, re: Description of Round 1 ground water sampling events and plans for Round 2 sampling, 4/4/95. P. 306523-306633. A tabulated summary of Phase I ground water results is attached.
154. Report: Phase II Remedial Investigation Scope of Work for the Koppers Company Site, prepared by Woodward-Clyde Consultants, 4/27/95. P. 306634-307090. An April 27, 1995, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, is attached.
155. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Notification that the Phase IA Cultural Resources Survey is acceptable and request for

additional copies, 5/1/95. P. 307091-307091.

156. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Notification that the February, 1995 Phase I Cultural Resources Survey and the March 27, 1995, Phase IB Cultural Resources Studies work plan need revision, 5/1/95. P. 307092-307097. Ms. Stocum's comments regarding the documents are attached.
157. Report: Phase I Remedial Investigation Data Package for the Koppers Company Site, Attachment 1, Volume 1 of 4, prepared by Woodward-Clyde Consultants, 5/8/95. P. 307098-307425. A May 8, 1995, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, is attached.
158. Report: Phase I Remedial Investigation Data Package for the Koppers Company Site, Attachment 1, Volume 2 of 4, prepared by Woodward-Clyde Consultants, 5/8/95. P. 307426-307685.
159. Report: Phase I Remedial Investigation Data Package for the Koppers Company Site, Attachment 1, Volume 3 of 4, prepared by Woodward-Clyde Consultants, 5/8/95. P. 307686-307736.
160. Report: Phase I Remedial Investigation Data Package for the Koppers Company Site, Attachment 1, Volume 4 of 4, prepared by Woodward-Clyde Consultants, 5/8/95. P. 307737-307826.
161. Report: Phase I Remedial Investigation Data Package for the Koppers Company Site, Attachments 2 Through 7, prepared by Woodward-Clyde Consultants, 5/8/95. P. 307827-308075.
162. Letter to Mr. James Buczala and Mr. H. Scott Laird, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Transmittal of the May 1, 1995, letters written by Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, commenting on the Phase IA Cultural Resources Survey, the February 1995 Phase I Cultural Resources Survey and the March 27, 1995, Phase IB Cultural Resources Studies work plan, 5/9/95. P. 308076-308084. The letters are attached.

163. Memorandum to the file from Ms. Lisa Marino, U.S. EPA, re: Notification that Woodward-Clyde Consultants missed the holding time for a portion of the ground water sample and will use the split sample data for this location collected by Tetra Tech, Inc., 5/9/95. P. 308085-308085.
164. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Susan Colman, Geomatrix, re: Notification on behalf of Beazer and DuPont of the selection of Dames & Moore to perform the FS for the site and Environmental Standards, Inc., to perform the Public Health Assessment, 5/18/95. P. 308086-308100. The resumes of Dames & Moore and Environmental Standards, Inc., personnel are attached.
165. Letter to Ms. Susan Colman, Geomatrix, from Ms. Lisa Marino, U.S. EPA, re: Notification that U.S. EPA approves of the selection of Dames & Moore to perform the FS for the site but will not comment on the proposed selection of Environmental Standards, Inc., until Beazer and DuPont submit a formal request to perform risk assessments, 5/30/95. P. 308101-308101.
166. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. M. Margie Zhang, DNREC, re: Comments regarding the Phase II Remedial Investigation Scope of Work (RI SOW), 6/6/95. P. 308102-308104. A facsimile transmittal page is attached.
167. Report: Analytical Report, prepared by U.S. EPA, 6/7/95. P. 308105-308132. A June 7, 1995, transmittal letter to Ms. Lisa Marino, U.S. EPA, is attached.
168. Inorganic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 6/15/95. P. 308133-308134. A June 22, 1995, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Cynthia Caporale, U.S. EPA, is attached.
169. Organic Data Validation Report for the Koppers Company Site, prepared by Lockheed, 6/16/95. P. 308135-308257. A June 22, 1995, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Cynthia Caporale, U.S. EPA, is attached.

170. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Transmittal of comments regarding the April 27, 1995, Phase II RI SOW, 6/27/95. P. 308258-308305. The comments are attached.
171. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jane Patarcity, Beazer, re: Request for an extension of the submittal date for the response to U.S. EPA's June 27, 1995, comments regarding the April 27, 1995, Phase II RI SOW and notification that Beazer and DuPont are invoking dispute resolution, 7/12/95. P. 308306-308308.
172. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Transmittal of a summary of resolutions of the Delaware Division of Historical and Cultural Affairs' comments regarding the February 1995 Geoarchaeological Evaluation and the March 27, 1995, Phase IB Cultural Resources Studies work plan for the site achieved at a June 13, 1995, meeting, as well as the map depicting the potential location of prehistoric sites and excerpts from the Geoarchaeological Evaluation, both revised in accordance with the Delaware Division of Historical and Cultural Affairs' comments, 7/20/95. P. 308309-308328. The summary, the map, and the excerpt are attached.
173. Letter to Jane Patarcity, Beazer, from Ms. Lisa Marino, U.S. EPA, re: Offer of an extension to the submittal date for the response to U.S. EPA's comments regarding the April 27, 1995, Phase II RI SOW, 7/25/95. P. 308329-308330.
174. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Transmittal of Woodward-Clyde Consultants' response to U.S. EPA's June 27, 1995, comments regarding the April 27, 1995, Phase II RI SOW, 8/2/95. P. 308331-308406. The response is attached.
175. Report: Revised Phase II Remedial Investigation Scope of Work for the Koppers Company Site, prepared by Woodward-Clyde Consultants, 8/18/95. P. 308407-308991. An August 18, 1995, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Ms. Ceil Mancini and Mr. James Buczala, Woodward-Clyde Consultants, is attached.
176. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural

Affairs, re: Transmittal of comments regarding Woodward-Clyde Consultants' July 20, 1995, summary of resolutions and revised excerpts from the Geoarchaeological Evaluation, 8/21/95. P. 308992-308996. The comments and an August 29, 1995, transmittal letter from Ms. Marino to Mr. James Buczala, Woodward-Clyde Consultants, are attached.

177. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jane Patarcity, Beazer, re: Request for permission for Environmental Standards, Inc., to perform the Public Health Assessment portion of the Risk Assessment and for Woodward-Clyde Consultants to perform the Ecological Assessment portion of the Risk Assessment for the site on behalf of Beazer and DuPont, 8/30/95. P. 308997-309055. Statements of qualifications for Environmental Standards, Inc., and Woodward-Clyde Consultants, are attached.
178. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Transmittal of comments in response to Woodward-Clyde Consultants' August 2, 1995, response to U.S. EPA's June 27, 1995, comments regarding the April 27, 1995, Phase II RI SOW and the August 18, 1995, Phase II RI SOW, 9/13/95. P. 309056-309068. The comments are attached.
179. Report: Field Oversight Summary Report for the RI/FS Oversight at the Koppers Company Site, prepared by Tetra Tech, Inc., 9/14/95. P. 309069-309353. A September 14, 1995, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Ms. Elizabeth Rogers, Tetra Tech, Inc. summarizing Tetra Tech, Inc.'s conclusions and recommendations and a September 28, 1995, transmittal letter from Ms. Marino to Mr. James Buczala, Woodward-Clyde Consultants, are attached.
180. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Comments regarding the August 18, 1995, Phase II RI SOW, 9/19/95. P. 309354-309355.
181. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Confirmation of the one-week extension granted by U.S. EPA for Beazer and DuPont's response to U.S. EPA's September 13, 1995, comments, 9/22/95. P. 309356-309356.

182. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jane Patarcity, Beazer, re: Notification that Beazer and DuPont invoke dispute resolution with respect to U.S. EPA's September 13, 1995, comments, 9/28/95. P. 309357-309358. An envelope is attached.
183. Report: Geoarchaeological Evaluation, Phase I Cultural Resources Survey for the Koppers Company Site, prepared by Maar Associates, Inc., 10/2/95. P. 309360-309408. An October 3, 1995, transmittal letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jessica Billy, Maar Associates, is attached.
184. Report: Phase IB Cultural Resources Studies Work Plan for the Koppers Company Site, prepared by Maar Associates, 10/2/95. P. 309409-309422.
185. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Transmittal of response to U.S. EPA's September 13, 1995, comments, 10/4/95. P. 309423-309450.
186. Report: Phase II Remedial Investigation Scope of Work-Response to U.S. EPA Comments Dated September 13, 1995, Volume 2 of 3, prepared by Woodward-Clyde Consultants, 10/4/95. P. 309451-309786.
187. Report: Phase II Remedial Investigation Scope of Work-Response to U.S. EPA Comments Dated September 13, 1995, Volume 3 of 3, prepared by Woodward-Clyde Consultants, 10/4/95. P. 309787-310087.
188. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Recommendations for the use of split sample data collected by Tetra Tech, Inc., 11/1/95. P. 310088-310089.
189. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Transmittal of a set of data inadvertently excluded from the data screening package attached to Woodward-Clyde Consultants' October 4, 1995, letter to U.S. EPA, 11/1/95. P. 310090-310114. The set of data is attached.
190. Memorandum to Ms. Lisa Marino, U.S. EPA, from Mr. Keith Kowalski, Woodward-Clyde Consultants, re: Transmittal of ground water elevation data, 11/22/95. P. 310115-

310116. The data are attached.

191. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Transmittal of comments regarding Woodward-Clyde Consultants' letter of October 4, 1995, 11/28/95. P. 310117-310124. The comments and a map indicating additional Phase II sampling locations are attached.
192. Letter to Ms. Jane Patacity, Beazer, from Ms. Lisa Marino, U.S. EPA, re: Approval of Beazer and DuPont's August 30, 1995, request to have Environmental Standards, Inc., perform the Public Health Assessment for the site and rejection of the request to have Woodward-Clyde Consultants perform the Ecological Assessment, 11/29/95. P. 310125-310126.
193. Organic and Inorganic Data Validation Reports for the Koppers Company Site, prepared by Lockheed, 11/29/95. P. 310127-310301. A November 30, 1995, transmittal memorandum to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Cynthia Caporale, U.S. EPA, is attached.
194. Organic, Inorganic, and Dioxin/Furon Data Validation Reports for the Koppers Company Site, prepared by Lockheed, 12/1/95. P. 310302-310404. A December 5, 1995, transmittal memorandum to Ms. Lisa Marino, U.S. EPA, from Ms. Cynthia Caporale, U.S. EPA, is attached.
195. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Request for extension of the submittal date for the changes to the August 18, 1995, Phase II RI SOW, 12/4/95. P. 310405-310406.
196. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Jane Patacity, Beazer, re: Notification that Beazer and DuPont invoke dispute resolution with respect to U.S. EPA's November 28, 1995, inclusion of surface water samples and pesticide/PCB and PCDD/PCDF analyses as part of the Phase II RI SOW, 12/11/95. P. 310407-310408.

197. Letter to Ms. Jane Patarcity, Beazer, and Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Approval of an extension of the submittal date for the changes to the Phase II RI SOW, agreement to drop PCDD/PCDF, PAH, and pesticide analysis from the surface water and PCDD/PCDF analysis from sediment samples, and explanation of U.S. EPA's reasons for requiring analysis of metals in surface water samples and pesticides/PCBs, metals, and PAHs in sediment samples, 12/14/95. P. 310409-310411.
198. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Transmittal of responses to issues raised in U.S. EPA's letter of November 28, 1995, and revised text, tables, and figures for the December 21, 1995, Revised Phase II Remedial Investigation Scope of Work, 12/20/95. P. 310412-310423. The responses are attached.
199. Report: Revised Phase II Remedial Investigation Scope of Work, prepared by Woodward-Clyde Consultants, 12/21/95. P. 310424-311009. An August 18, 1995, transmittal letter is attached.
200. Memorandum to Ms. Lisa Marino, U.S. EPA, from Mr. Keith Kowalski, Woodward-Clyde Consultants, re: Transmittal of Figure 4-1A, an addition to the December 21, 1995, Revised Phase II RI SOW, showing off-site Phase II sediment/surface water sampling locations at the site, 12/21/95. P. 311010-311011. Figure 4-1A is attached.
201. Memorandum to U.S. EPA Personnel, from Mr. Stephen Luftig, U.S. EPA, re: Description of U.S. EPA's revised policy on allowing PRPs to conduct risk assessments, 1/26/96. P. 311012-311014.
202. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Notification on behalf of Beazer and DuPont of the selection of John Milner Associates to perform the Phase IB Cultural Resources Survey and of Dr. John Sprinkle to replace Mr. Charles LeeDecker as the Cultural Resources Task Manager for Woodward-Clyde Consultants, 2/16/96. P. 311015-311037. Dr. Sprinkle's resume and the resumes of John Milner Associates personnel are attached.

203. Letter to Ms. Lisa Marino, U.S. EPA, from Ms. Faye Stocum, Delaware Division of Historical and Cultural Affairs, re: Transmittal of comments regarding the July 20, 1995, Revised Geoarchaeological Evaluation Phase I Cultural Resources Survey and the October 2, 1995, Revised Phase IB Cultural Resources Studies work plan, 2/29/96. P. 311038-311043. The comments are attached.
204. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Description of damage to wells at the site, 2/29/96. P. 311044-311045.
205. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Notification that Woodward-Clyde Consultants will be forwarding validation letters for data they collected during the Phase I RI and transmittal of a summary list of the data to be included in that package, 3/4/96. P. 311046-311047. The summary list is attached.
206. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Proposal to revise the immunoassay screening methodology presented in the December 21, 1996, Revised Phase II RI SOW to include both Ensysis RISC and Ohmicron PAH RaPID Assay, 3/4/96. P. 311048-311090. Information regarding the proposed methods is attached.
207. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Proposal and description of an alternative approach to handling soil cutting drilling operations at the site, 3/5/96. P. 311091-311092.
208. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Approval of Woodward-Clyde Consultants' March 4, 1996, proposal to revise the immunoassay screening methodology, 3/7/96. P. 311093-311093.
209. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Transmittal of the addendum to the January 31, 1996, HASP, 3/8/96. P. 311094-311105. The addendum is attached.

210. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Approval, with provisions, of Woodward-Clyde Consultants' March 5, 1996, proposal to use an alternative approach to handling soil cutting drilling operations at the site, 3/12/96. P. 311106-311106.
211. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Directions for confirmation of well integrity and request for a summary of collected field data to evaluate the integrity of the damaged monitoring wells, as well as recommendations for corrective measures, 3/19/96. P. 311107-311108.
212. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: U.S. EPA's conditional approval of the October 2, 1995, Revised Phase IB Cultural Resources Studies work plan and the July 20, 1995, Geoarchaeological Evaluation Phase I Cultural Resources Survey provided that John Milner Associates revises them in accordance with the February 29, 1996, comments of Ms. Faye Stocum, Delaware Division of Cultural and Historical Affairs, 3/21/96. P. 311109-311110.
213. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Proposal of modifications to item No. 2 in Section VIII (I) of the September 30, 1991, Administrative Order on Consent dealing with monthly progress reporting, 3/21/96. P. 311111-311113.
214. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Evaluation of the extent of damage to wells at the site, as requested in U.S. EPA's letter of March 19, 1996, 4/1/96. P. 311114-311115.
215. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Results of the March 15, 1996, PAH immunoassay screening evaluation conducted at the site, as requested in U.S. EPA's letter of March 7, 1996, and notification of the

selected methodology, 4/8/96. P. 311116-311118.

216. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Agreement with Woodward-Clyde Consultants' April 1, 1996, proposal to evaluate the Phase I and Phase II RI ground water sample results prior to making a determination regarding the need for corrective action, 4/9/96. P. 311119-311119.
217. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Comments regarding the March 8, 1996, addendum to the January 31, 1996, HASP, 4/9/96. P. 311120-311121.
218. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. John Sprinkle and Mr. James Buczala, Woodward-Clyde Consultants, re: Transmittal of the April 11, 1996, Revised Phase IB Cultural Resources Studies work plan, prepared by MAAR Associates, Inc., and revised by Woodward-Clyde Consultants and the April 11, 1996, Revised Geoarchaeological Evaluation, Phase I Cultural Resources Survey, prepared by MAAR Associates, Inc., and revised by Woodward-Clyde Consultants, 4/11/96. P. 311122-311192. The reports are attached.
219. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Request that Woodward-Clyde Consultants continue to submit data summary tables, but not raw data sheets, with its monthly progress reports, in response to Woodward-Clyde Consultants' March 21, 1996, proposal of modifications to the September 30, 1991, Administrative Order on Consent dealing with monthly progress reporting, 4/24/96. P. 311193-311194.
220. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Concerns posed by USACE and Tetra Tech, Inc., regarding health and safety practices at the site, 4/24/96. P. 311195-311196.
221. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Description

of modifications made to field tasks based on field observations made during Phase II RI data collection at the site, 4/24/96. P. 311197-311198.

222. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Transmittal of a map showing the preliminary findings of the dense nonaqueous phase liquid (DNAPL) delineation program and the proposed Phase II RI monitoring well locations, 4/24/96. P. 311200-311201. The map is attached.
223. Memorandum to Ms. Lisa Marino, U.S. EPA, from Mr. Ron Gantreau, Woodward-Clyde Consultants, re: Transmittal of two maps showing the approximate locations of hand borings in Hershey Run Marsh, West Central Marsh, and East Central Marsh at the site, as well as preliminary boring logs, 4/30/96. P. 311202-311205. The maps and boring logs are attached.
224. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Concerns regarding Woodward-Clyde Consultants' April 24, 1996, proposed modifications to the Phase II RI work plan, 5/6/96. P. 311206-311208.
225. Letter to Ms. Lisa Marino, U.S. EPA, from Mr. James Buczala, Woodward-Clyde Consultants, re: Response to U.S. EPA's May 6, 1996, concerns regarding proposed modifications to the Phase II RI work plan, 5/30/96. P. 311209-311215.
226. Letter to Mr. James Buczala, Woodward-Clyde Consultants, from Ms. Lisa Marino, U.S. EPA, re: Response to Woodward-Clyde Consultants' May 30, 1996, letter in response to U.S. EPA's May 6, 1996, concerns regarding proposed modifications to the Phase II RI work plan, 6/20/96. P. 311216-311217.
227. Report: Phase IA Cultural Resources Survey for the Koppers Company Site, prepared by Maar Associates, Inc., (undated). P. 311218-311306.

V. COMMUNITY CORRESPONDENCE/CONGRESSIONAL
CORRESPONDENCE/IMAGERY

1. News Release from ATSDR entitled "ATSDR Announces Public Comment Period on Health Assessment," 12/4/92. P. 500001-500004. An ATSDR Public Notice and a distribution list are attached.
2. U.S. EPA Fact Sheet, re: Environmental work along Old Airport Road, Newark, Delaware, (undated). P. 500005-500006.